SAMSUNG

SCH-S179
User's Guide

Important safety **precautions**

☑ Failure to comply with the following precautions may be dangerous or illegal.

Drive safely at all times

Do not use a hand-held phone while driving. Park the vehicle first.

Switch off the phone when refuelling

Do not use the phone at a refuelling point (service station) or near fuels or chemicals.

Switch off in an aircraft

Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switch off the phone near all medical equipment

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

Interference

All wireless phones may be subject to interference, which could affect their performance.

Be aware of special regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

Water resistance

Your phone is not water-resistant. Keep it dry.

Sensible use

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency calls

Key in the emergency number for your present location, then press .

Keep your phone away from small children

Keep the phone and all its parts, including accessories, out of the reach of small children.

Accessories and batteries

Use only Samsung-approved batteries and accessories, such as headsets and PC data cables. Use of any unauthorised accessories could damage you and your phone and may be dangerous.

- The phone could explode if the battery is replaced with an incorrect type.
- Dispose of used batteries according to the manufacturer's instructions.

At very high volumes, prolonged listening to a headset can damage your hearing.

Use of authorised software

Use only Samsung-authorised software. The use of any unauthorised software could damage your phone.

Qualified service

Only qualified service personnel may repair your phone.

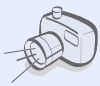
For more detailed safety information, see "Health and safety information" on page 74.

About this Guide

This User's Guide provides you with condensed information about how to use your phone. To quickly learn the basics for your phone, please refer to "Get started" and "Step outside the phone."

In this guide, the following instruction icons appear:

☑	Indicates that you need to pay careful attention to the subsequent information regarding safety or phone features.
▶	Indicates that you can get more information on the referenced page.
→	Indicates that you need to press the Navigation keys to scroll to the specified option and then select it.
[ ]	Indicates a key on the phone. For example, [ ]
< >	Indicates a soft key, whose function is displayed on the phone screen. For example, <**Menu**>



- **Camera**
  Use the camera module on your phone to take a photo.

Special features of your phone

- **MP3 player**
  Play music files using the phone as an MP3 player.

- **FM radio**
  Listen to your favourite radio stations anytime, anywhere.

- **Photo studio**
  Add a frame or apply special effects to decorate your photos.

- **Get personal with photo caller ID**
  See who's calling you when their very own photo displays.

- **SOS message**
  Send SOS messages to your family or friends for help in an emergency

- **Calendar**
  Keep track of your daily, weekly, and monthly schedule.

- **Calculator**
  Perform basic calculations and do currency conversions.

- **Alarm**
  Use your phone as an alarm clock to notify you of an impending event.

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Unpack

Make sure you have each item

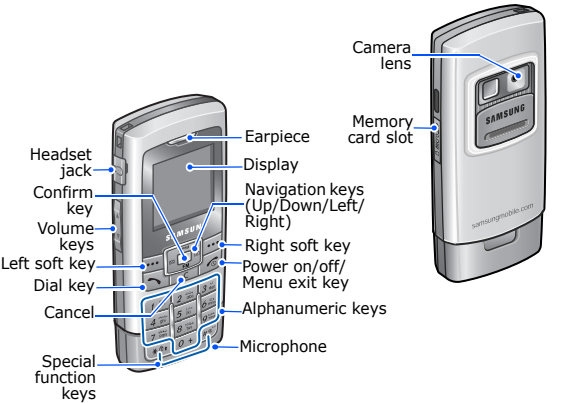
- Phone
- Battery
- Travel adapter
- User's Guide

You can obtain various accessories from your local Samsung dealer.

- The items supplied with your phone and accessories available at your Samsung dealer may vary, depending on your country or service provider.
- Use the purchased accessories with only Samsung-authorised devices. The use of these accessories with other devices could cause problems and any repair costs would not be covered by the warranty.

Your phone

Keys, features, and locations



Get started

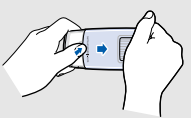
First steps to operating your phone

UIM card information

When you subscribe to a cellular network, you receive a plug-in UIM (User Identification Module) card loaded with your subscription details, such as your PIN, and available optional services.

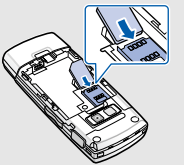
Install and charge the phone

1 Remove the battery cover.



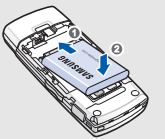
If the phone is already on, first turn it off by pressing and holding [ ].

2 Insert the UIM card.

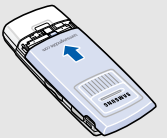


Make sure that the gold-coloured contacts on the card are face down.

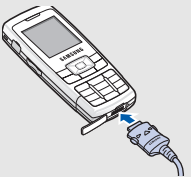
3 Install the battery.



4 Reattach the cover.



5 Plug the travel adapter into the phone.



6 Plug the adapter into a standard AC wall outlet.

7 When the phone is completely charged (the battery icon becomes still), unplug the adapter from the wall outlet.

8 Remove the adapter from the phone.

Low battery indicator

When the battery is low:

- a warning tone sounds,
- the battery low message displays, and
- the empty battery icon ( ) blinks.

If the battery level becomes too low, the phone automatically turns off. Recharge your battery.

Power on or off

Switch on Do not turn on the phone when mobile phone use is prohibited.	1. Press and hold [ ]. 2. If necessary, enter the PIN and press <**OK**>.
Switch off	Press and hold [ ].

Keypad lock

You can lock the keypad to prevent accidental presses from affecting phone operations.

In Idle mode, press and hold [*]. To unlock the keypad, press the left soft key and then [*].

You can also set the phone to lock the keypad automatically. ▶ p. 68

Keys and display

Keys

	Perform the functions indicated on the bottom line of the display.
	In Idle mode, access the following menus directly: • Up: **MP3**; **MP3 player** when held down • Down: **FM radio** • Left: **Message**; **New message** when held down. • Right: **Camera**; **Take photo** when held down In Menu mode, scroll through menu options.
OK	In Menu mode, select the highlighted menu option or confirm input.

Make or answer a call.

In Idle mode, retrieve the numbers recently dialled, missed, or received.

Press and hold to switch the phone on or off.

End a call.

In Menu mode, cancel input and return the phone to Idle mode.

Delete characters from the display.

In Menu mode, return to the previous menu level.

Enter numbers, letters, and some special characters.

In Idle mode, press and hold [**0**] to enter an international call prefix.

In Idle mode, press and hold [**1**] to access voice mail server.

Enter special characters.

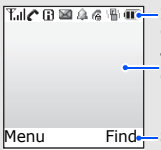
In Idle mode, press and hold [#] to activate or deactivate Silent mode. Press and hold [*] to lock the keypad.

In Idle mode, adjust the keypad tone volume.

During a call, adjust the earpiece volume.

Display

Layout



Icons
display various icons.

Text and graphics
display messages, instructions, and information you enter.

Soft key function indicators
show the current functions assigned to the soft keys.

Icons[1]

- Received signal strength
- Roaming network
- Call in progress
- Out of your service area; you cannot make or receive calls
- Alarm set ▶ p. 63
- Text message
- Voicemail
- Urgent text message
- SOS message feature active ▶ p. 54
- SOS message
- Lock mode ▶ p. 69
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- Memory card inserted ▶ p. 22
- Silent mode ▶ p. 14

Ringer type setting ▶ p. 55
- : Ringer only
- : Silent
- : 1 Beep
- : Vibration
- : Vib. & ringer
- : Vib. then ringer
- : Ringer then vib.

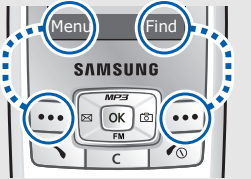
Battery power level

1. Depending on your country or service provider, the icons shown on the display may vary.

Access menu functions

Use the soft keys

The roles of the soft keys vary depending on the function you are using. The bottom line of the display indicates their current role.



Press the left soft key to access **Menu** mode.

Press the right soft key to access **Find** in the **Contacts** menu.

Select an option	1. Press a desired soft key. 2. Press the Navigation keys to move to the next or previous option. 3. Press <**Select**>, <**OK**> or <**Save**> to confirm the function displayed or option highlighted. 4. To exit, choose either of the following methods: • Press [**C**] to move up one level. • Press [ ] to return to Idle mode.
Use shortcuts	Press the number key corresponding to the option you want.

Customise your phone

Display language	1. In Idle mode, press <**Menu**> and select **Settings** → **Language**/لغة. 2. Select a language.

Call ringer melody

1. In Idle mode, press <**Menu**> and select **Sounds** → **Ringer** → **Voice calls**.
2. Press [Down] and press [Left] or [Right] to select a ringtone category.
3. Press [Up] or [Down] to scroll to a ringtone.
4. Press <**Play**> to listen to a ringtone.
5. When you find the melody you want, press <**OK**>.

Idle mode wallpaper

You can set wallpaper for the idle screen.

1. In Idle mode, press <**Menu**> and select **Display** → **Animation** → **Wallpaper**.
2. Select an image category.
3. Select an image.

Silent mode

You can switch the phone to Silent mode to avoid disturbing other people.

Press and hold [#] in Idle mode.

Phone lock

You can protect the phone against unauthorised use with a phone password.

1. In Idle mode, press <**Menu**> and select **Settings** → **Security**.
2. Enter the default password, **0000**, and press <**OK**>.
3. Select **Change lock**.
4. Enter a new 4-digit password and press <**OK**>.
5. Enter the new password again and press <**OK**>.
6. Select **Phone lock**.
7. Select **Once** or **On**.

Make/Answer calls

Make a call

1. Enter an area code and phone number.
2. Press [ ].
3. To end the call, press [ ].

Answer a call

1. When the phone rings, press [ ].
2. To end the call, press [ ].

Adjust the volume during a call

Press [▲/▼].

Step outside the phone

Begin with your camera, MP3 player, FM radio and other special features

Use the camera

Take a photo

1. In Idle mode, press and hold [Right].
2. Press [**2**] twice and then [**1**] to select a camera mode.
3. Aim the lens at the subject and make any desired adjustments.
4. Press <**Capture**> to take a photo.
5. Press <**Save**>.
   The phone returns to Capture mode automatically.

View a photo

1. In Idle mode, press [Right] and select **My album** → **Single** or **Multi**.
2. Scroll to a photo and press <**Expand**>.

Record a video

1. In Idle mode, press and hold [Right].
2. Press [**2**] twice and then [**1**] to select the icon.
3. Press <●> to start recording.
4. Press <■> to stop recording.
5. Press <**Save**>.
   The phone returns to Camcorder mode automatically.

Play a video

1. Idle mode, press [Right] and select **My album** → **Video cam**.
2. Scroll to a video and press <**Play**>.

Play music

Prepare MP3 files

Use these methods:

- Copy to a memory card and insert the card into the phone ▶ p. 22
- Insert a memory card into the phone and copy files directly from a PC. ▶ p. 64

Create the play list

1. In Idle mode, press [Up] and select **MP3 files**.
2. Press <**Options**> and select **Add to play list**.
3. Press <**Check**> to select the files you want.
4. Press <**Add**>.
5. Press <**Play**> to begin playback.

Play music

1. In Idle mode, press and hold [Up].
2. Press [OK].
3. During playback, use the following keys:
   - [OK]: pauses or resumes playback.

Play music (continued)

- [Left]: moves to the previous file. Moves backward in a file when held down.
- [Right]: skips to the next file. Moves forward in a file when held down.
- [Up]: changes the repeat mode.
- [Down]: opens the play list.
- <**Options**>: opens the option list.
- [▲/▼]: adjusts the volume.
- <**A-B**>: sets a section in a file to play the section repeatedly.

Listen to the FM radio

Listen to the radio

1. Plug the connecter of the supplied headset into the jack on the left side of the phone.
2. In Idle mode, press [Down].
3. Press <**On**> to turn on the radio.
4. Press [Left] or [Right] to find available radio stations.
5. To turn off the radio, press <**Off**> or disconnect the headset from the phone.

Store a radio station

1. From the radio screen, tune the radio to the station you want.
2. Press <**Options**> and select **Save channel**.
3. Select a location in which you want to store the station.

Use Contacts

Add a contact

To the phone's memory:

1. In Idle mode, enter a phone number and press <**Save**>.
2. Enter a name and press <**OK**>.
3. Press <**Phone**>.
4. Select a number type.
5. Specify contact information: Mobile, Home, Office, Pager, Fax, E-Mail1, E-Mail2, URL, ETC, Group, Ringer, and Picture.
6. Press <**Save**> to save the contact.

To the UIM card:

1. In Idle mode, enter a phone number and press <**Save**>.
2. Enter a name and press <**OK**>.
3. Press <**Save**> to save the contact.

Find a contact

1. In Idle mode, press <**Find**>.
2. Enter the first few letters of the name you want.
3. Select a contact.
4. Scroll to a number and press [ ] to dial, or press <**Menu**> to access options.

Send/View messages

Send a text message

1. In Idle mode, press [Left] and select **New message**.
2. Enter the message text and press <**OK**>.
3. Select **Save & send** or **Send only**.
4. Enter destination numbers.
5. Press <**Send**> to send the message.

View a text message

When a notification appears:

Press <**Select**>. The message displays.

From the Inbox:

1. In Idle mode, press [Left] and select **Inbox** → a memory location.
2. Select a message.

Access voicemails

When a notification appears:

1. Press [ ]. The phone dials the sender's phone number.
2. Follow the instructions from the system.

From the Inbox:

1. In Idle mode, press [Left] and select **Inbox** → **Voice mail**.
2. Follow the instructions from the system.

Send SOS messages

Activate the SOS message feature

1. In Idle mode, press [Left] and select **SOS message** → **SOS On/Off** → **On**.
2. Enter the phone numbers to which you want to send SOS messages and press <**OK**>.
3. Select **Yes** to notify the network of the updates.

Send an SOS message

In Key Lock mode, press [▲/▼] 4 times. The phone will send the message.

Use a memory card

You can use an optional microSD memory card to increase your phone's memory capacity.

Important memory card information

- Frequent erasing and writing will shorten a card's lifespan.
- Do not remove a card from the phone or turn off the phone while data is being accessed or transferred. This could result in loss of data and/or damage to the card or phone.

Important memory card information (continued)

- Do not subject cards to strong shocks.
- Do not touch card terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.
- Keep cards away from small children or pets.
- Do not expose cards in a place subject to electro-static discharge and/or electrical noise.

Insert a memory card

Slide a card into the card slot, with the label side face up.

Remove the memory card

1. Press the card so that it is disengaged from the phone.
2. Slide the card out of the slot.

Use a card adapter

Using a card adapter and a USB card reader/writer, you can read the card on a PC.

1. Insert a memory card into a card adapter, and then the adapter into a card reader/writer.

2. Plug the USB connecter of the card reader/writer into the USB port on your PC.
3. Access the appropriate memory disk and copy to and from the card.

Enter text

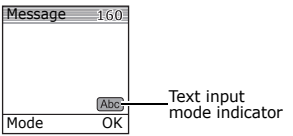
Arabic, ABC, English Word, T9 arabic, 123, and Symbol mode

You can enter text in some features, such as Messages, Contacts, or Calendar, by using Arabic and T9 Arabic modes for Arabic, and English Word and ABC modes for English. You can also enter numbers and symbols.

Changing the text input mode

1. In a text entry screen, press <**Mode**>.
2. Select the mode you want.

Example: Writing a text message



Using Arabic mode

You can use the Arabic writing mode. This mode has the same properties as ABC mode which is explained in the next section.

Using ABC mode

Press the appropriate key until the character you want appears on the screen.

Key	Characters in order displayed	
	Upper case	Lower case
1	. @ - _ / : ~ ? , 1 ; ' ( ) ! # % & * < > + = " \ { } $ [ ]	
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	0	

Other ABC mode operations

- To enter the same letter twice or to enter a different letter on the same key, wait for the cursor to move to the right automatically, or press [Right]. Then, enter the next letter.
- Press [#] to insert a space.
- Press [*] to change case.
  Lower case (**abc**), Initial capital (**Abc**), and Capital lock (**ABC**) are available.
- Press the Navigation keys to move the cursor.
- Press [**C**] to delete characters one by one. Press and hold [**C**] to clear the entire display.

Using T9 word and T9 Arabic mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes.

Entering a word in T9 word and T9 Arabic mode

1. Press [**2**] to [**9**] to start entering a word. Press each key once for each letter.
   Example: Press [**4**], [**3**], [**5**], [**5**], and [**6**] to enter *Hello*.
   T9 predicts the word that you are typing, and it may change with each key that you press.
2. Enter the whole word before editing or deleting the characters.
3. When the word displays correctly, go to step 4. Otherwise, press [**0**] to display alternative word choices for the keys that you have pressed.
   For example, *Of* and *Me* use [**6**] and [**3**].
4. Press [#] to insert a space and enter the next word.

Other T9 word and T9 Arabic mode operations

- Press [#] to insert a space.
- In English Word mode, press [*] to change case. Lower case (**T9 word**), Initial capital (**T9 Word**), and Capital lock(**T9 WORD**) are available.
- Press the Navigation keys to move the cursor.
- Press [**C**] to delete characters one by one. Press and hold [**C**] to clear the whole display.

Using 123 mode

123 mode enables you to enter numbers. Press the keys corresponding to the digits you want.

Using Symbol mode

Symbol mode enables you to enter symbols.

1. Press [Left] or [Right] to display more symbol sets.
2. Press the key corresponding to the symbol you want.

Making a call

1. In Idle mode, enter the area code and phone number.

> • Press [**C**] to clear the last digit or press and hold [**C**] to clear the whole display.
> • Press <**Pause**> to enter a pause between numbers.

2. Press [ ].
3. To end the call, press [ ].

Redialling recent numbers

1. In Idle mode, press [ ] to display the list of recent numbers.
2. Scroll to the number you want and press [ ].

Making an international call

1. In Idle mode, press and hold [**0**].
   The international call prefix you have set appears. ▶ p. 33
2. Enter the area code and phone number and press [ ].

Making a call from Contacts

Once you have stored a number in Contacts, you can dial the number by selecting it from Contacts. ▶ p. 34

You can also use the speed dial feature to assign number keys to your most frequently dialled numbers. ▶ p. 37

Answering a call

When you receive an incoming call, the phone rings and displays the incoming call image.

Press [ ] to answer the call.

Tips for answering a call

- Depending on the setting in the **Answer mode** menu, you can press any key, except for <**Reject**>, [ ], <**Silence**>, and [▲/▼] to answer a call. ▶ p. 68
- Press <**Reject**> or [ ], or press and hold [▲/▼] to reject a call.
- Press <**Silence**> or [▲/▼] to mute the ringer.

Viewing missed calls

If you have missed calls, the screen displays the number of the calls and the phone number you have last missed.

1. Press the right soft key.
2. Select the missed call from the list.
3. Press [ ] to dial the displayed number.

Using the headset

Use the headset to make or answer calls without holding the phone.

Connect the headset to the jack on the left side of the phone. The button on the headset works as follows:

To	Press
redial the last call	and hold the button.
answer a call	and hold the button.
end a call	and hold the button.

Options during a call

You can access a number of functions during a call.

Adjusting the volume during a call

Use [▲/▼] to adjust the earpiece volume during a call.

Press [▲] to increase the volume level and [▼] to decrease the volume level.

Answering a second call

If you have subscribed to call waiting, you can answer another call during a call.

1. Press [ ] to answer a second call. The first caller is placed on hold and you are connected with the second caller.
2. Press [ ] again to switch between the calls.

Making a three-way call

If you have subscribed to three-way calling service, you can have a conversation with two people simultaneously.

☑ You are able to make a three-way call only when you make a call.

1. During a call, press [ ] and make another call. The first caller is placed on hold.
2. Press [ ] to begin the three-way call.

Using In-call options

Press <**Menu**> during a call to access the following options:

- **Private loud speaker**: activate the speakerphone feature to talk and listen with the phone a short distance away. You can also press [Up].

- **Mute/Quit**: switch off your phone's microphone, so that the other person cannot hear you.
- **Calls**: access the **Calls** menu. ▶ p. 30
- **Contacts**: access the **Contacts** menu. ▶ p. 34
- **Silent/Quit**: mute the DTMF (Dual-Tone Multi-Frequency) tones of the keys. This allows you to press keys without hearing annoying key tones during a call.
- **Send my #**: send your phone number to the calling person or to automated services.
- **DTMF length**: manipulate the audible DTMF tones.

Menu functions

All menu options listed

Calls *(Menu 1)*

Use the **Calls** menu to access call logs, view the duration of calls, and set options for call functions.

To access this menu, press <**Menu**> in Idle mode and select **Calls**.

Missed *(Menu 1.1)*

This menu displays the most recent calls you did not answer.

Accessing a call record

1. Press [Left] or [Right] to move to another call type.

2. Press [Up] or [Down] to scroll through the call list.
3. Press <**Select**> to view the details of a call, or press [ ] to dial the number.

Using call record options

While viewing call details, press <**Menu**> to access the following options:

- **Talk**: make a call to the number.
- **Save**: save the number to Contacts.
- **Prepend**: add an area code or service number before dialling the number.
- **Erase**: erase the call record.

Incoming *(Menu 1.2)*

This menu displays the most recent calls you have received.

Outgoing *(Menu 1.3)*

This menu displays the most recent calls you have dialled.

Air time *(Menu 1.4)*

This menu displays the time log for voice calls and data calls you have made or received. Actual time invoiced by your service provider will vary.

☑ This feature is not intended to be used for billing purposes.

- **Last call**: check the air time of the last call.
- **Total**: check the number of all voice calls and data calls and the total duration of the calls.
- **Life time**: check the number and total duration of all calls since the phone was shipped from the factory.

- **Erase total**: erase the air time measurement except for the life time.

Call forward *(Menu 1.5)*

This network service allows incoming calls to be forwarded to another number.

Contact your service provider to check this service's availability.

To set forwarding options:

1. Select a type of call forwarding.
   - **Busy**: calls are forwarded if your line is busy.
   - **No answer**: calls are forwarded if you do not answer the phone.
   - **Busy**/**No answer**: calls are forwarded when your line is busy or when you do not answer the phone.
   - **Unconditional**: all incoming calls are forwarded.
2. Select **Enable**. To divert calls to the voice mail server, select **Enable to voice mail**. To deactivate, select **Disable**.
3. Enter a phone number to which calls are forwarded and press <**Send**>.

Call waiting *(Menu 1.6)*

This network feature alerts you of incoming calls while you are on the phone.

When this feature is enabled, you can respond to an incoming call by pressing [ ] while you are on the phone. This puts the first caller on hold and answers the second call.

Area code *(Menu 1.7)*

Use this menu to find and retrieve area and country codes to quickly and easily dial phone numbers.

1. Select **Domestic** or **International**.

2. Enter the name of the area you want and press <**OK**>.
3. Scroll to the entry you want and press <**Dial**>.
4. When the area code of the selected city appears on the Dialling mode screen, enter the rest of the phone number you want.
5. Press [ ] to dial a number, or press <**Save**> to save the number to Contacts.

Call reject *(Menu 1.8)*

Use this menu to make a list of the phone numbers from which you do not want to accept calls.

Add phone numbers by using the following ways:

- Press <**Edit**> to manually enter a number.
- Press <**Find**> to retrieve a number from Contacts or the recent call list.

Int'l call prefix *(Menu 1.9)*

Use this menu to set an international call prefix.

Adding an international call prefix

1. Press <**Add**>.
2. Enter a call prefix and press <**Save**>.

Selecting a call service number

Select the call service number you want. The selected number displays when you press and hold [**0**] in Idle mode.

While viewing the number list, press <**Options**> to access the following options:

- **Add**: add a new call service number.
- **Edit**: edit the selected call service number.
- **Erase**: erase the call service number.

Contacts *(Menu 2)*

You can store phone numbers and their corresponding names in your card and the phone's memory. The card and phone's memory, although physically separate, are used as if they were a single entity, called Contacts.

To access this menu, press <**Menu**> in Idle mode and select **Contacts**.

Find *(Menu 2.1)*

Use this menu to find an entry using a person's name, group name, or memory location.

Finding a contact

1. Press [Left] or [Right] to select a search method.
2. Enter the first few letters of the name you want, or select a caller group or a memory location.
3. Select a contact.
4. Scroll to a number and press [ ] to dial, or press <**Select**> to edit contact information.

Using Contacts options

While viewing contact details, press <**Menu**> to access the following options:

- **Talk**: make a call to the number.
- **Speed dial**: assign a speed dial location number to the selected number.
- **Edit**: edit contact information.
- **Copy**: copy the selected number to the other memory location.
- **Move**: move the selected number to the other memory location.
- **Erase**: erase the contact.

Add *(Menu 2.2)*

Use this menu to add a new entry to Contacts.

In the phone's memory, a name can contain up to 5 numbers in different categories: Home, Office, Mobile, Pager, and Fax. You can save only a single number with a name on the card's memory.

Adding a new contact

1. Select an information type, **Number**, **E-mail**, or **ETC**.
2. Enter a phone number, e-mail address, or memo and press <**OK**> or<**Save**>.

   ☑ E-mail addresses and memos can be saved only in the phone's memory.

3. Select **New entry**.
4. Enter a name and press <**OK**>.

   If you started with an e-mail address or memo, skip to step 6.
5. To save the contact in the phone's memory, press <**Phone**> and select a number type.

   To save the contact on the UIM card, skip to step 7.
6. Change the settings or enter more information.
   - **Mobile**/**Home**/**Office**/**Pager**/**Fax**: add a number for each category.
   - **E-Mail1**/**E-Mail2**: press <**Edit**> and enter an e-mail address.
   - **URL**: press <**Edit**> and enter a URL address.
   - **ETC**: press <**Edit**> and add a memo about the entry.
   - **Group**: select one of the default caller groups, where the contact is included.

- **Ringer**: press <**Edit**> and assign a ringtone to alert you to a call from the person.
- **Picture**: press <**Edit**> and assign an image to alert you to a call from the person.

7. Press <**Save**> to save the contact.

Adding information to an existing contact

1. Select an information type.
2. Enter a phone number, e-mail address, or memo and press <**OK**>.
3. Select **Find** → a contact.
4. If you started with a phone number, select a number type.
5. Enter more information.
6. Press <**Save**> and select **Yes** to save the contact.

Group settings *(Menu 2.3)*

Use this menu to set up a caller group list.

Adding a new caller group

1. When بلامجموعة is highlighted, press <**Add**>.
2. Enter a group name and press <**OK**>.

Managing caller groups

While viewing the group list, press <**Menu**> to access the following options:

- **Edit**: change the group name.
- **Erase**: erase the selected group.
- **Add new**: add a new group.

Speed dial *(Menu 2.4)*

Once you have stored phone numbers in Contacts, you can set up to 98 (2~99) speed-dial entries and then dial them easily by pressing the associated one or two number keys.

Setting up speed-dial entries

1. Press [Left] or [Right] to select **All** or **Empty**.
2. Enter the location number you want and scroll to the number.
   Entering a number lists all of the location numbers containing the entered number.
3. Press <**Assign**>.
4. Select a contact from the contact list.

Editing speed-dial entries

1. Press [Left] or [Right] to select **Stored**.
2. Enter the location number you want and scroll to the number.
3. Press <**Options**> and select **Edit** to change the selected speed-dial entry.
4. Select another entry.

Dialling speed-dial numbers

- For 1-digit locations, press and hold the corresponding number key in Idle mode.
- For other locations, press the first number key and press and hold the last number key in Idle mode.

My phone # *(Menu 2.5)*

Use this menu to view and edit your phone number.

To edit your phone number:

1. Press <**Edit**>.
2. Enter your phone number and press <**Save**>.

Memory info *(Menu 2.6)*

Use this menu to check the number of contacts you have stored in the phone's memory and on the UIM card.

Copy & Erase *(Menu 2.7)*

Use this menu to copy Contacts entries from the phone's memory to the card, or vice versa. You can also erase your Contacts entries.

Copying contacts

1. Press [Left] or [Right] to select the memory you want.
2. Press <**Check**> to select the contacts you want to copy to the other memory.
   To select all contacts at one time, press <**Options**> and select **Check all**.
3. Press <**Options**> and select **Copy**.
4. Select **Yes** to confirm the copy.

Erasing contacts

1. Press [Left] or [Right] to select the memory you want.
2. Press <**Check**> to select the contacts you want to erase.
   To select all contacts at one time, press <**Options**> and select **Check all**.
3. Press <**Options**> and select **Erase**.
4. Select **Yes** to confirm the deletion.

Multimedia *(Menu 3)*

Using the camera module built into your phone, you can take photos of people or events while on the move. You can also record videos by using your phone as a camcorder.

In the **Multimedia** menu, you can take photos, record videos, and access your photos and video clips.

To access this menu, press <**Menu**> in Idle mode and select **Multimedia**, or press [Right].

- Do not take photos of people without their permission.
- Do not take photos in a place where cameras are not allowed.
- Do not take photos in a place where you may interfere with another person's privacy.

Take photo *(Menu 3.1)*

Use this menu to take a single photo or a series of photos, or record a video. The camera produces JPEG photos and MJPG video clips.

When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

Taking a photo

1. Access the **Take photo** menu or press and hold [Right] in idle mode to turn on the camera and switch the display to Capture mode.
2. When you use the camera for the first time, press [**2**] to change the preview screen.
3. Press [**1**] to select the shooting mode you want:
   - Single shot ( ): take a photo.

- Serial shot (): take a serial of action stills.
- Divided shot (): take several stills and save them in one frame.
- Video cam (): record a video clip. ▶ p. 43
- Postcard (): take two non-successive photos for a postcard. ▶ p. 40

4. Make any desired adjustments.
   - Press <**Options**> to access camera options. ▶ next section
   - Use the keypad to change the camera settings or switch to other shooting modes. ▶ p. 42
5. Press <**Capture**> to take a photo.
   When you are taking serial shot images, the camera takes photos successively.
6. Press <**Save**> to save the photo(s).
   The photo(s) is saved in the **My album** folder.

Taking a photo for a postcard

You can take a photo for a background image and another of your text and create a postcard using them. The photo of your text will be added in the foreground.

1. In Capture mode, press [**1**] to select the icon.
2. Aim the camera lens at the image to be used as the postcard background.
3. Press <**Capture**> to take the first photo.
4. Press <**Next**>.
5. Aim the camera lens at the image to be added in the foreground.
6. Press <**Extract**> to take the second photo.
   The second photo is superimposed on the first one and displayed.

7. Press <**Options**> to edit the postcard image using the following options:
   - **Ink color**: change the colour tone of the postcard image.
   - **Shadow**: apply a shadow effect to the postcard image.
   - **Rotate**: rotate the postcard image.
   - **Zoom**: zoom in or out.
   - **Move**: move the postcard image.
8. When you have finished, press <**Save**> to save the postcard image.
   The photo is saved in the **My album** folder.

Reviewing a photo immediately after saving

After saving a photo, you can view the photo by pressing [**0**] in Capture mode. The captured image displays on the screen:

- To access the file properties, press <**Options**> and select **Info**.
- To delete the file, press <**Options**> and select **Delete**.
- To return to Capture mode, press [**0**].

Using options in Capture mode

In Capture mode, press <**Options**> and then [Left] or [Right] to access the following options:

- **Mode**: change the shooting mode.
  Single shot: take a photo in normal mode.
  Serial shot: take series of action stills. You can select the number of photos the camera will take.
  Divided shot: take several stills and save them in one frame.
  Video cam: record a video clip.
  Postcard: take two non-successive photos for a postcard.
- **Size/Quality**: select an image size or image quality setting.

- **White balance**: adjust the colour balance of the photo. You can make your photo appear warmer or cooler.
- **Self timer**: set a time delay before the phone takes a photo.
- **Revision**: apply a special effect or add a decorative frame.
- **Preview layout**: select a preview screen. When you select **Actual ratio**, the phone shows the image in actual ratio.
- **Save to**: select the memory location to save photos.
- **Quick view**: switch to Quick view mode.

Using the keypad in Capture mode

You can use the keys to customise the camera settings in Capture mode.

Key	Function
Left/Right	Zooms in or out. (unavailable for 640*480 resolution)
Up/Down	Adjusts the brightness.
▲/▼	Shows the mirror image.
1	Changes the shooting mode.
2	Switches the display between Icons view (), No icon view (), Guideline view (), and Actual ratio view ().
3	Sets the timer.
0	Access Quick view mode.

Recording a video

1. In Capture mode, press [**1**] to select the icon.
2. Make any desired adjustments.
   - Press <**Menu**> to access camcorder options. ▶ next section
   - Use the keypad to change the camera settings or switch to other shooting modes. ▶ p. 42
3. Press <●> to start recording.
4. When you are finished, press <■>.
5. Press <**Save**> to save the video.
   The video clip is saved in the **My album** folder.

Reviewing a video immediately after saving

After saving a video clip, you can view the video clip in Quick View mode by pressing [**0**] in Camcorder mode. The video automatically plays.

- To access the file properties, press <**Options**> and select **Info**.
- To delete the file, press <**Options**> and select **Delete**.
- To return to Camcorder mode, press [**0**].

Using camera options in Camcorder mode

In Camcorder mode, press <**Menu**> and then [Left] or [Right] to access the following options:

- **Mode**: change the shooting mode.
  Single shot: take a photo in normal mode.
  Serial shot: take series of action stills. You can select the number of photos the camera will take.
  Divided shot: take several stills and save them in one frame. You can select the layout.

Video cam: record a video clip.
Postcard: take two non-successive photos for a postcard.

- **Size/Quality**: select an image size or quality.
- **White balance**: adjust the colour balance of the video. You can make your video appear warmer or cooler.
- **Self timer**: set a time delay before the phone records a video.
- **Revision**: apply a special effect.
- **Preview layout**: select the default preview mode. When you select **Actual ratio**, the phone shows the image in actual ratio.
- **Save to**: select the memory location to store video clips.
- **Quick view**: switch to Quick view mode.

My album *(Menu 3.2)*

Use this menu to review the photos you have taken.

Viewing a photo

1. Select **Single** or **Multi**.
   You can switch between the folders by pressing [**1**] or [**2**].
2. Scroll to the photo you want and press <**Expand**> to view the photo.
3. Press [Left] or [Right] to view other photos.
4. Press <**Grid**> to return to the thumbnail images.

Using photo options

From the photo list, press <**Options**> to access the following options:

- **Erase**: erase the selected file.

- **Make postcard**: create a postcard with the selected photo and newly taken photo.
- **Move**: move the file to a memory card.
- **Copy**: copy the file to a memory card.
- **Assign**: set the image as your wallpaper for the idle screen, or the opening or closing image.
- **Photo studio**: add a decorative frame or apply a special effect.
- **Lock**/**Unlock**: lock the file so that other people cannot access it without your lock code, or unlock the file.
- **Sort**: change the sort order of the file list.

Viewing a video clip

1. Select **Video cam**.
2. Scroll to the video clip you want and press <**Play**>.
   Press [OK] to pause or resume playback.
3. Press <**Stop**> to return to the file list.

Even if the phone is in Silent mode, it will play the sound.

Using video options

When a video clip is selected, press <**Options**> to access the following options:

- **Erase**: erase the selected file.
- **Move**: move the file to a memory card.
- **Copy**: copy the file to a memory card.
- **Lock**/**Unlock**: lock the file so that other people cannot access it without your lock code, or unlock the file.
- **Sort**: change the sort order of the file list.
- **File info**: access the file properties.

External album *(Menu 3.3)*

Use this menu to view the photos and video clips stored on a memory card.

Photo studio *(Menu 3.4)*

The Photo studio is a great tool for managing photos. Use this menu to add a decorative frame and to apply a special effect to photos.

Add frame *(Menu 3.4.1)*

You can add a decorative frame to photos you have taken. You can also take a new photo and add a frame.

Adding a frame to a new photo

1. Select **New photo**.
1. Press [Up] or [Down] to select a frame from pop-up options.
2. When you find the frame you want, press the right soft key.
3. Press the right soft key twice to return to Capture mode.
4. Press <**Capture**> to take a photo.
5. Press <**Save**> to save the photo.

Adding a frame to a saved photo

1. Select **Saved photo**.
2. Select a photo from the **Single** folder. To move to the **Multi** folder, press <**Multi**>.
3. Press [Left] or [Right] to select a frame.
4. Press <**Save**> to save the photo.
5. Enter a photo name and press <**OK**>.

Photo effect *(Menu 3.4.2)*

You can apply a special effect to photos you have taken. You can also take a new photo and apply it to an effect.

Applying a special effect to a new photo

1. Select **New photo**.
2. Press [Up] or [Down] to select a special effect.
3. When you find the effect you want, press the right soft key.

4. Press the right soft key twice to return to Capture mode.
5. Press <**Capture**> to take a photo.
6. Press <**Save**> to save the photo.

Applying a special effect to a saved photo

1. Select **Saved photo**.
2. Select a photo from the **Single** folder.
   To move to the **Multi** folder, press <**Multi**>.
3. Press [Left] or [Right] to select a special effect.
4. Press <**Save**> to save the photo.
5. Enter a photo name and press <**OK**>.

Settings *(Menu 3.5)*

Use this menu to change or reset the camera's default settings.

- **Sound**: select a sound to indicate a shutter release and a self timer.
- **Interruption**: set whether to accept calls, messages, or alarm alerts while in Capture mode or Camcorder mode.
- **Reset**: restore the default camera settings.
- **Auto saving**: set whether the camera saves an image automatically after taking it.
- **Album lock**: lock the **My album** folder so that no one can view your photos and video clips without your permission.

Display *(Menu 4)*

The **Display** menu enables you to change various settings for the display and the light.

To access this menu, press <**Menu**> in Idle mode and select **Display**.

Animation *(Menu 4.1)*

Use this menu to change the background image to be displayed in Idle mode or when the phone is turned on or off.

- **Opening**: select an image to be displayed when the phone is switched on.
- **Closing**: select an image to be displayed when the phone is switched off.
- **Wallpaper**: select an image to be displayed in Idle mode.

Backlight *(Menu 4.2)*

Use this menu to customise settings for backlight.

- **Main LCD**: select the length of time the backlight stays on.
- **LCD brightness**: adjust the brightness of the main display.
- **Keypad**: select the keypad backlight mode.
  Save mode: the phone uses the backlight only between 17:00 and 8:00. This mode saves the battery power.
  Normal mode: the phone flashes the backlight when you press any key.

Set time *(Menu 4.3)*

Use this menu to set the current time and date or set up the time zones for the Dual Clock wallpaper.

Main clock *(Menu 4.3.1)*

You can set the current time and date.

Enter the time in 24-hour format and the date in the order of year, month, and day.

While in a service area, you are not allowed to change the time and date setting since the phone receives time information from the network. If your phone do not receive time information from the network when you turn it on, you can use this menu.

Dual clock *(Menu 4.3.2)*

You can choose two time zones to be displayed when you select **Dual clock** for the wallpaper image.

Selecting time zones for the dual clock

1. Press [Left] or [Right] to select Location on the upper line.
2. Move to the **Left** line.
3. Press [Left] or [Right] to select a time zone for the left clock.
4. Move to the **Right** line.
5. Press [Left] or [Right] to select a time zone for the right clock.
6. Press <**Save**>.

Applying daylight savings time

You can apply daylight savings time to each clock.

1. Press [Left] or [Right] to select **DST** on the upper line.
2. Scroll to the clock to which you want to apply daylight savings time.
3. Press [Left] or [Right] to select **On**.
4. Press <**Save**>.

Dialing font *(Menu 4.4)*

Use this menu to select a font colour for digits to be displayed when you enter a phone number for dialling.

Messages *(Menu 5)*

Use the **Messages** menu to send and receive text messages. You can also use the voicemail and web alert features.

To access this menu, press <**Menu**> in Idle mode and select **Messages**, or press [Left].

New message *(Menu 5.1)*

Use this menu to create and send text messages to multiple mobile phones.

☑ You can quickly access this menu by pressing and holding [Left] in Idle mode.

1. Enter the message text and press <**OK**>.
2. Select an option:
   - **Save & Send**: save a copy of the message and then send the message.
   - **Send only**: send the message. The message will be deleted after sending.
   - **Save only**: save the message so that it can be sent later.
3. Enter a phone number.
   To send the message to more than one recipient, fill in additional destination fields.
4. When you have finished, press <**Send**> to send or/and save the message.

Inbox *(Menu 5.2)*

Use this menu to access messages you have received.

Viewing a message at the time of its receipt

When the phone receives a text message, the phone sounds a message alert and displays a text notification. Press <**Select**> to view the message immediately.

Viewing a message in Inbox

When you access **Phone** or **Card** in the **Inbox** menu, a list of the received messages displays.

The following icons on the message list indicate the messages' status:

- :Unread
- :Read
- :Urgent

1. Select the message you want.
   To send a reply to the sender, press <**Reply**>.
2. Press [Left] or [Right] to view other messages.

Using message options

While viewing a message, press <**Menu**> to access the following options:

- **Forward**: forward the message to other people.
- **Call/Save**: make a call to the sender's phone number or save the number to Contacts.
- **Erase**: erase the selected message.
- **To Card**/**To Phone**: copy the message to the UIM card or phone's memory.

Accessing voicemails

When you receive a voicemail, a text notification displays. Press [ ], and the phone dials the voicemail server. Then follow the voice prompts from the system to listen to the message.

You can also check your voicemails by accessing **Voice mail** in the **Inbox** menu.

In Idle mode, you can press and hold [**1**] in Idle mode to access the voicemail centre.

Outbox *(Menu 5.3)*

Use this menu to access messages you have sent or failed to send.

Viewing sent text messages

When you access **Phone** or **Card** in the **Outbox** menu, a list of sent or saved messages appears. The following icons on the message list indicate the messages' status:

- : Sent
- : Failed to send

1. Select the message you want.
   To forward the message to other people, press <**Resend**>.
2. Press [Left] or [Right] to view other messages.

Using message options

While viewing a message, press <**Menu**> to access the following options:

- **Call/Save**: make a call to the recipient's phone number or save the number to Contacts.
- **Erase**: erase the selected message.
- **To Card**/**To Phone**: copy the message to the UIM card or phone's memory.

Drafts *(Menu 5.4)*

Use this menu to access messages you have saved to send a later time.

While viewing a message, press <**Menu**> access the following options:

- **Call/Save**: make a call to the recipient's phone number or save the number to Contacts.
- **Erase**: erase the selected message.

Settings *(Menu 5.5)*

Use this menu to customise the settings of various options for receiving or sending messages.

- **Scroll timer**: set the time interval in which the phone scrolls to a following screen.

  When this option is set to **Off**, you can manually scroll to the next screen using [Up] or [Down].

- **Msg. reminder**: set how often the phone reminds you of new messages.
- **Alert on call**: set whether or not the phone informs you when you receive a new message during a call.
- **New message**: customise the settings for your outgoing messages.

  Priority: set the priority level of messages.

  Delivery ack: activate or deactivate the delivery acknowledgement feature. When this is activated, the network informs you whether your message is delivered to the recipient or not.

  Save: select the default save option.
- **Template msg.**: preset sentences to use when composing a new message.

SOS message *(Menu 5.6)*

In an emergency, you can send SOS messages to your family or friends for help. You can also receive SOS messages from other people who are in an emergency.

Activating the SOS message feature

1. Select **SOS On/Off** → **On** to activate the SOS message feature.
2. Specify the phone numbers to which you want to send SOS messages and press <**OK**>.
3. Select **Yes** to notify the network of your settings.

Sending an SOS message

In Key Lock mode, press [▲/▼] 4 times. The phone switches to Emergency mode and sends the preset SOS message. To exit Emergency mode, press [ ].

Changing the SOS message ringer

To change the alert type for incoming SOS messages, access **Set SOS Alarm** and select the option you want.

Memory info *(Menu 5.7)*

Use this menu to view how many messages are stored in the phone's memory and on the UIM card.

Sounds *(Menu 6)*

The **Sounds** menu allows you to customise various sound settings.

To access this menu, press <**Menu**> in Idle mode and select **Sounds**.

Ringer *(Menu 6.1)*

Use this menu to set the ringer melody for calls, messages, and alarms.

Ringer Vol./type *(Menu 6.2)*

Use this menu to adjust the ringer volume for voice calls, messages, and alarm/scheduler alarms. You can also set the ringer type for voice calls.

- **Level 1~5**: select one of the volume levels.
- **Ringer only**: the phone sounds the ringer melody selected in the **Ringer** menu.
- **Silent**: the phone neither vibrates nor rings.
- **1 Beep**: the phone sounds a beep.
- **Vibration**: the phone vibrates.
- **Vib. & ringer**: the phone vibrates and rings at the same time.
- **Vib. then ringer**: the phone vibrates and then rings.
- **Ringer then vib.**: the phone rings and then vibrates.

Function alert *(Menu 6.3)*

Use this menu to set up audible alerts at a specified time to inform you that certain things have happened.

- **Connect**: set the phone to sound a connect tone when an outgoing call is connected to the system.

- **Disconnect**: set the phone to sound a disconnect tone when a call is disconnected from the system.
- **Power On**/**Off**: set the phone to sound an alert when you turn on or off the phone.
- **Exit silent mode**: set the phone to sound an alert when you exit Silent mode.
- **Call time alert**: set the phone to beep every minute during an outgoing call to keep you informed of the length of your call.

Entertainment *(Menu 7)*

Using the **Entertainment** menu, you can listen to the FM radio or MP3 music, play games.

To access this menu, press <**Menu**> in Idle mode and select **Entertainment**.

FM radio *(Menu 7.1)*

Use this menu to listen to music or news via the FM radio on your phone.

☑ You can quickly access this menu by pressing [**Down**] in Idle mode.

Turning on and listening to the radio

First, you must connect your phone with the headset, which serves as a radio antenna.

1. Plug the connecter of the supplied headset into the jack on the left side of the phone.
2. Press <**On**>.
3. Press [Left] or [Right] to find the radio station you want.
   You can also press and hold [Left] or [Right] to scan through available radio stations.
4. To turn off the radio, press <**Off**> or disconnect the headset from the phone.

Setting up a radio station list

You can store your favourite radio stations to quickly access them without searching through noisy frequencies.

1. Connect the headset to the phone and turn on the radio.
2. Scroll to the station you want.
3. Press <**Options**> and select **Save channel**.
4. Repeat from step 1 to store other stations.

To listen to the stored stations, press [Up] or [Down] from the FM Radio screen.

Using radio options

- **Save channel**: store the current radio station.
- **Self tuning**: let the phone automatically scan through and save available radio stations.
- **Speaker**: change sound output to the phone speaker or headset.
- **Erase**: remove the selected station.
- **Erase all**: remove all stations.
- **Key lock off**/**Key lock on**: unlock or lock the keypad.
- **Send message**: compose and send a new message.
- **Read message**: read a new received message.

Games *(Menu 7.2)*

You can enjoy fun games on your phone. How to play a game may vary from game to game.

1. Select the game you want.
   The phone displays the following options:
   - **Newgame**: start a new game.
   - **Highscore**: check the high score table.

- **Instruction**: view information about how to play the game.
- **Key Info.**: display information about the keys you can use in a game.
- **Continue**: restart the game you last played.

2. Select **New game**.
3. Press any key, except [**C**] and [ ], to start the game.

☑ During a game, press [**C**] to pause or resume the game.

MP3 *(Menu 7.3)*

Use this menu to enjoy MP3 music.

☑ You can quickly access this menu by pressing [Up] in Idle mode and launch the MP3 player by pressing and holding the key.

MP3 Player *(Menu 7.3.1)*

You can play MP3 music files. First, you need to save MP3 files on the memory card and insert it into the phone.

Downloading MP3 files

Use the following methods to save MP3 files.

- Copy to a memory card and insert the card into the phone. ▶ p. 22
- Insert the card into the phone and copy files directly from a PC. ▶ p. 64

Creating the play list

Before playing MP3 music files, you need to add them to the play list.

1. Access **MP3 files**.
2. Press <**Options**> and select **Add to play list** → a memory location.
3. Press <**Check**> to select the files you want. To add all files, scroll to **Select all**.
4. Press <**Add**>.

5. To play the music files, press <**Play**>.

Playing MP3 music files

From the MP3 player screen, press [OK] to begin playback.

> ☑ Even if the phone is in Silent mode, it will play the music.

During playback, use the following keys:

Key	Function
[OK]	Pauses or resumes playback.
[Left]	• Skips to the previous file. • Skips backward in a file when held down.
[Right]	• Skips to the next file. • Skips forward in a file when held down.
[▲/▼]	Adjusts the volume.
[Up]	Changes the repeat mode. (↻1: Repeat one, ↻All: Repeat all, SFL: Random repeat all, No icon: Off)
[Down]	Opens the play list.
<**A-B**>	Repeats a section of your choice. Pressing this key begins a search for the starting point. To search for the ending point, press <**A→B**>. To stop repeating, press <**A↔B**>.

Using MP3 player options

During playback, press <**Options**> to access the following options:

- **Go to file list**: access the file list.
- **Timer**: set the length of time the MP3 player stays on. The timer appears to show you the time remaining.

- **Visual effect**: change the playback animation.
- **File info**: access the file properties.
- **Send message**: compose and send a new message.
- **Read message**: read a new receive message.
- **Memo pad**: access the **Memo pad** menu.
- **Key lock**: lock the exposed keys on the phone except for [▲/▼] when the keypad is locked so that you can prevent an accidental press of the keys from affecting playback. To unlock the keys, press Softkeys, [ ], [**C**], [OK] or Navigation keys and press <**Yes**>.

MP3 Play list *(Menu 7.3.2)*

Use this menu to access the play list you have created.

Press <**Options**> to access the following options:

- **Add to play list**: add files to the play list.
- **Remove**: remove files from the play list.
- **Visual effect**: change the playback animation.
- **Go to file list**: access the file list.
- **File info**: access the file properties.

MP3 files *(Menu 7.3.3)*

Use this menu to access MP3 files stored on a memory card.

Press <**Options**> to access the following options:

- **Open files**: open the music file list.
- **Add to play list**: add the files in the selected folder or the selected files to the play list.
- **Rename**: change the file name.

> ☑ Do not use special characters for a file name, such as /, :, *, ?, ", <, >, or \.

- **Sort**: change the sort order of the file list.
- **File info**: access the file properties.
- **Erase**: erase the selected file or folder.
- **Erase all**: erase all files.

MP3 settings *(Menu 7.3.4)*

Use this menu to customise settings for using the MP3 player feature.

- **Skip length**: select the interval by which the phone skips forward or backward through a music file when you press and hold [Left] or [Right].
- **Load default**: restore the default settings for the MP3 player.

Utilities *(Menu 8)*

The **Utilities** menu enables you to keep track of your schedule and tasks, set alarms, or use convenient features, such as a calculator, countdown timer, and world time clock.

To access this menu, press <**Menu**> in Idle mode and select **Utilities**.

View month *(Menu 8.1)*

Use this menu to view the current month, as well as the past or future months in the calendar format. You can be alerted by the Calendar function before an event commences.

When you enter this menu, the calendar in Month view appears with today's date indicated by a blue box.

Selecting a day

- Press [Left] or [Right] to move by day.
- Press [Up] or [Down] to move by week.
- Press [▲/▼] to move by month.

Using calendar options

On the calendar, press <**Menu**> to access the following options:

- **View**: access the items stored for the selected day.
- **Add new**: add a new item to the selected day.

Creating an item

1. Scroll to a day from the calendar.
2. Press <**Menu**> and select **Add new**.
3. Enter your event information and press <**OK**>.
4. Enter the starting time and date on the **Start** field.
5. Press [Down] and enter the ending time and date on the **End** field.
6. Press [Down] to move to the alarm setting field.
7. Press [Left] or [Right] to set how long before the event the alarm is to alert you. To deactivate the alarm, select **No alarm**.
8. Press <**Save**> to save the item.

Viewing an item

1. Select one of days with scheduled items. The first item for that day displays.
2. Press [Up] or [Down] to view the starting and ending time for the item.
3. Press [Up] or [Down] to scroll through the items scheduled for the selected date.

Using options

While viewing an item, press <**Menu**> to access the following options:

- **Add new**: add a new event.
- **Edit**: edit the selected event.
- **Erase**: erase the selected event.
- **Erase all**: erase all of the events in the selected date.

Jump to date *(Menu 8.2)*

Use this menu to enter a specific date and access the date on the calendar.

Alarm set *(Menu 8.3)*

Use this menu to set the alarm to sound at a specific time.

Setting an alarm

1. Select an alarm type, **Once** or **Daily**.
2. Enter the time for the alarm to sound.
3. Press <**OK**> to save the alarm.

Stopping an alarm

- Press any key to stop an alarm when it sounds.
- To deactivate an alarm, select <**End**> on the Alarm set screen.

User memory *(Menu 8.4)*

Use this menu to access the file directory of your phone's memory or memory card, or check the memory status.

Phone memory *(Menu 8.4.1)*

In this menu, you can check the amount of memory currently in use in each media folder. Select **Memory info**.

Memory card *(Menu 8.4.2)*

With a memory card inserted, you can connect the phone to a PC, as you would use an external memory disk drive, and access the file folders on the memory card.

Connecting the phone to a PC

1. Insert a memory card into the phone.
2. Connect a USB cable to the jack on the right side of the phone and the USB port of the phone.
3. Select **Connect to PC** from the **Memory card** menu.
4. Enter the phone password.
   Your phone switches to Memory Disk mode.
5. Open **My computer** on your Windows desktop and double-click the corresponding removable disk to open the memory card's file folders.
6. Copy files from the card to the computer or vice versa.
7. When you have finished, close the disk.
8. Press <**Disconnect**> to exit Memory Disk mode.
9. Press <**Yes**> to confirm the exiting.

- When the phone is in Memory Disk mode, all calls and messages are blocked.
- Use the Safely Remove Hardware program from the Windows task bar for removing the USB cable from the computer; otherwise, the files may be corrupted and, thus, may not be played properly.

Managing files

You can access the folders on your memory card and manage media files in them. Select **File manager** from the **Memory card** menu.

From a file list in each folder, press <**Options**> to access the following options:

- **Erase**: erase the file.
- **Rename**: change the file name.

> ☑ Do not use special characters for a file name, such as /, :, *, ?, ", <, >, or \.

- **Sort**: sort files by name, time, size. You can change the list order by pressing <**Asc**> or <**Desc**>.
- **File info**: access the file properties.

Checking memory status

Select **Memory info** from the **Memory card** menu to check the amount of memory currently in use.

Formatting the memory card

Select **Format** from the **Memory card** menu to format the memory card, and then press <**Yes**>. Created folders and files in each folder will be erased.

Calculator *(Menu 8.5)*

Use this menu to perform basic arithmetic functions, such as addition, subtraction, multiplication, and division.

1. Enter the first number.
   - Press [*] to enter a decimal point.
   - Press [#] to change the sign of a number to a negative (-).
2. Press one of the Navigation keys to access the math function you want.
3. Enter the second number.
4. Press <**OK**> to view the result.

> ☑ You can reset the calculator by pressing [**C**].

Today *(Menu 8.6)*

Use this menu to schedule new events for the current date, indicating each event's start and end time.

Events scheduled for future dates automatically appear on your Today display for that particular day.

Schedule and access events as you would in the **View month** menu. ▶ p. 61

Task list *(Menu 8.7)*

Use this menu to enter up a list of tasks you need to do.

Creating a task

1. Enter the task content and press <**OK**>.
2. Press [Left] or [Right] to select a priority for the task and press [Down].
3. Enter the time and date by which your task needs to be done.
4. Press <**Save**> to save the task.

Viewing a task

Press [Left] or [Right] to scroll to the task you want to view.

Using task options

While viewing a task, press <**Menu**> to access the following options:

- **Add new**: add a new task.
- **Edit**: edit the selected task.
- **Erase**: erase the selected task.
- **Erase all**: erase all tasks.

Memo pad *(Menu 8.8)*

Use this menu to make memos of important things you need to remember.

Writing a new memo

1. Enter the memo content.
2. Press <**OK**> to save the memo.

Viewing a memo

1. Select the memo you want to view from the memo list.
2. Press [Left] or [Right] to view other memos.

Using memo options

While viewing a memo, press <**Menu**> to access the following options:

- **Add new**: add a new memo.
- **Edit**: edit the selected memo.
- **Erase**: erase the selected memo.
- **Erase all**: erase all memos.

Countdown *(Menu 8.9)*

This menu helps you measure how long it takes you to do something or how many days remain until a specific event occurs.

Creating a countdown timer

1. Enter the event for your countdown timer and press <**OK**>.
2. Enter the time and date from which you want to count down.
3. Press <**OK**> to save the timer.

Viewing a countdown timer

Press [Left] or [Right] to scroll through countdown timers. Each timer displays how may days, hours, and minutes remain before the event, or have passed since the event.

Using timer options

While viewing a timer, press <**Menu**> to access the following options:

- **Add new**: add a new timer.
- **Edit**: edit the selected timer.
- **Erase**: erase the selected timer.
- **Erase all**: erase all timers.

World time *(Menu 8.0)*

Use this menu to find out what time it is in another part of the world.

Viewing world time

Press the Navigation keys to scroll to the time zone you want to check.

Applying daylight savings time

1. Scroll to the time zone to which you want to apply daylight savings time, press <**DST**>.
2. Select **Yes**.

Settings *(Menu 9)*

Many different features of your phone can be customised to suit your preferences.

To access this menu, press <**Menu**> in Idle mode and select **Settings**.

Auto key lock *(Menu 9.1)*

Use this menu to set the phone to automatically lock the keypad in times of inactivity, in order to keep accidental key presses from launching unintended functions.

Select the length of time the phone waits before locking the keypad.

Answer mode *(Menu 9.2)*

Use this menu to select how to answer an incoming call.

- **By send key**: the phone answers only when you press [ ].

- **By any key**: the phone answers when you press any key, except for [▲/▼], [ ], <**Silence**>, and <**Reject**>.

Security *(Menu 9.3)*

Use this menu to protect your phone against unautorised use by managing the several access codes of your phone and the UIM card.

To access the **Security** menu, you must enter the 4-digit password and press <**OK**>. It is preset to **0000** at the factory.

Phone lock *(Menu 9.3.1)*

Use this menu to lock your phone.

- **On**: lock the phone. Each time turning on the phone, you need to enter the password to use the phone.
- **Off**: deactivate Lock mode.
- **Once**: lock the phone just one time. Once the password is entered, the phone unlocks.

In Lock mode, you cannot use the phone's menu function and dial numbers, except for making an emergency call.

Change lock *(Menu 9.3.2)*

Use this menu to change your current password to a new one.

1. Enter a new 4-digit password and press <**OK**>.
2. Enter the password once again and press <**OK**>.

Emergency # *(Menu 9.3.3)*

Your phone provides the option of storing three emergency numbers. All of these numbers can be manually dialled at any time, even if your phone is locked or all outgoing calls are restricted.

1. Select a location.
2. Press [**C**] to clear the existing number.

3. Enter a number and press <**Save**> to save the number.

☑ 120 will remain as emergency numbers, even if you change them on the emergency number list.

Voice privacy *(Menu 9.3.4)*

Used only in digital networks, Voice Privacy encrypts the voice channel so that people cannot eavesdrop on your conversation. Use this menu to enable or disable Voice privacy.

- **Standard**: the phone uses a standard line for calls.
- **Enhanced**: the phone makes and receives calls on an encrypted high security line.

☑ This feature may not be available in all areas. Contact your service provider for details and availability.

Restriction *(Menu 9.3.5)*

Use this menu to restrict the use of your phone.

- **Outgoing**: restrict outgoing calls from your phone, except emergency calls by standard emergency numbers, such as 120 in **Emergency #**.
- **Incoming**: restrict incoming calls.
- **Contacts**: restrict use of Contacts.

Clear memory *(Menu 9.3.6)*

Use this menu to erase Contacts entries or messages stored on the UIM card or in the phone's memory.

1. Select **Contacts** or **Messages**.
2. Select the memory location you want to clear.
3. Select **Yes** to confirm the deletion.

Reset phone *(Menu 9.3.7)*

Use this menu to restore the default settings of all of user-selectable options, or clear information in the phone's memory.

1. Select a reset option.
   - **Function only**: restore the default settings of all user-selectable options.
   - **All**: restores the default settings for all options and clears all information.
2. Select **Yes** to confirm the reset. The phone reboots, turning itself off and then back on, and returns to Idle mode.

Card setup *(Menu 9.3.8)*

Use this menu to access the security options for the UIM card.

- **PIN check**: activate the PIN check feature. You must enter the PIN assigned to your card each time you switch on the phone.
- **Change PIN**: change the PIN of your card to a new one, provided that the PIN check feature is enabled.
- **UIM lock**: set your phone to work with the current card only.

Entry method *(Menu 9.4)*

Use this menu to select the default text input mode.

Language/لغة *(Menu 9.5)*

Use this menu to change the language of the display.

Domain preset *(Menu 9.6)*

Your phone has domain name extensions that you can retrieve when composing a message. Use this menu to change default domain name extensions and add new domain name extensions, if necessary.

Solve problems

Help and personal needs

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

When you switch on your phone, the following messages may appear:

"Card is empty. Insert card"

- Be sure that the card is correctly installed.

"Enter PIN"

- You are using your phone for the first time. You must enter the PIN supplied with the UIM card.
- The PIN check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN check** menu.

"No service," "Network failure," or "Not done" displays

- The network connection has been lost. You may be in a weak signal area. Move and try again.
- You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialled

- Be sure that you have pressed [ ].
- Be sure that you have accessed the right cellular network.
- Be sure that you have not restricted outgoing calls.

Your correspondent cannot reach you

- Be sure that your phone is switched on. ([ ] pressed for more than one second.)

- Be sure that you are accessing the correct cellular network.
- Be sure that you have not restricted incoming calls.

Your correspondent cannot hear you speaking

- Be sure that you have switched on the microphone.
- Be sure that you are holding the phone close enough to your mouth. The microphone is located at the bottom of the phone.

The phone starts beeping and "Battery low" flashes on the display

- Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

- Check the signal strength indicator on the display ( ). The number of bars indicates the signal strength from strong () to weak ().
- Try moving the phone slightly or moving closer to a window if you are in a building.

No number is dialled when you re-call a Contacts entry

- Use the **Find** menu to ensure the number has been stored correctly.
- Re-store the number, if necessary.

If the above guidelines do not help you to solve the problem, take note of:

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

Then contact your local dealer or Samsung after-sales service.

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organizations through periodic and through evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/kg[1].

SAR tests are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so

1. In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID printed in the label on the phone.

For Body Operation

- For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum from the body.
- The minimum distance from the body for this model phone is written in the FCC certification information.
- Non compliance with the above conditions may violate FCC RF exposure guidelines.

- For more Information concerning exposure to radio frequency signals, see the following websites:
- Federal Communications Commission (FCC) http://www.fcc.gov/oet/rfsafety
- Cellular Telecommunications Industry Association (CTIA): http://www.wow-com.com
- U.S.Food and Drug Administration (FDA) http://www.fda.gov/cdrh/consumer

World Health Organization (WHO) http://www.who.int/peh-emf/en

Battery safety

Standby time will be reduced in the following conditions:

- When you use the additional features on your phone such as writing and storing messages, playing games, connecting to the Internet, and so on.
- If you are frequently out of the service area.
- If you are out of the service area for a long period of time.
- If you use the phone out of the network's local service area.
- If you use the talk mode repeatedly

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the operation time for both talk mode and standby mode is reduced by about half, it is time to buy a new battery.

Precautions when using batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the

signal strength on the cellular network and the parameters set by the network operator.

- Battery charging time depends on the remaining battery charge, the type of battery, and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperature will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short- circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and – terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the

terminals may damage the battery or the object causing the short-circuiting.

- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, make sure that you are following the special regulations in a given area or country.

Operating environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on
- Should not carry the phone in a breast pocket
- Should use the ear opposite the pacemaker to minimize potential interference

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other medical devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially explosive atmospheres

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks on boats,

chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 120 or any other official emergency number). Emergency numbers vary by location.
3. Press [ ].

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be

the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Other important safety information

Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Switch your phone off before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and is illegal.

Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children and pets. They may accidentally damage these things or choke on small parts.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals will corrode electronic circuits.
- Do not touch the phone with a wet hand while it is charging. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperature can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.

- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

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* Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.
* Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

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